

July 15, 2003

**HUNTON & WILLIAMS LLP** 1751 PINNACLE DRIVE **SUITE 1700** MCLEAN, VIRGINIA 22102

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FILE NO: 56162.000475

#### UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number:

56162.000475

First Named Inventor:

Laurent F. ALLOIN

Title:

METHOD AND APPARATUS FOR CHANNEL EQUALIZATION AND

CYCLOSTATIONARY INTERFERENCE REJECTION FOR ADSL-DMT

**MODEMS** 

TO:

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

| 1. | $\boxtimes$ | Fee Transmittal Form (original and duplicate)   |      |
|----|-------------|---|------|
| 2. |             | Small Entity Status Claimed:  Independent Inventor Small Business Concern Non-Profit Organization |      |
|    |             | Statement Enclosed  |      |
|    |             | Statement Filed in Prior Application; Status Still Proper and Desired                             |      |
| 3. | $\boxtimes$ | Specification - Total Pages: 30 (Including Abstr  | act) |



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|   |                 | CLA                 | IMS AS FILE | ED           |              |          |
|---|-----------------|---------------------|-------------|--------------|--------------|----------|
|   | Claims<br>Filed | Basic Fee<br>Claims | Extra       | Rate         |              | ,        |
|   |                 |                     |             | Large Entity | Small Entity | Amount   |
| Total Claims                                    | 28              | 20                  | 8           | \$ 18.00     | \$ 9.00      | \$144.00 |
| Independent Claims                              | 2               | 3                   | 0           | \$ 84.00     | \$ 42.00     | \$0.00   |
| First Presentation of Multiple Dependent Claims |                 |                     | \$ 280.00   | \$ 140.00    | \$ 0.00      |          |
| <b>BASIC FEE</b> \$ 750.00 \$ 375.00            |                 |                     | \$750.00    |              |              |          |
| TOTAL FILING FEE                                |                 |                     | \$894.00    |              |              |          |
| Assignment Recordation Fee                      |                 |                     | \$ 40.00    |              |              |          |
| TOTAL AMOUNT                                    |                 |                     |             | \$934.00     |              |          |

| 4. | $\boxtimes$ | Drawings - Total Sheets: 30 (Fig(s). 1-30  |
|----|-------------|--|
| 5. | Oath o      | or Declaration - Total Pages: 3  |
|    | a.          | Newly executed (original or copy)  New (unexecuted)  |
|    | b.          | Copy from a prior application (for continuation/divisional with Box 18 completed)                      |
|    |             | i. DELETION OF INVENTOR(s): Signed statement attached deleting inventor(s) named in prior application. |
| 6. |             | Application Data Sheet   |
| 7. |             | CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)                     |

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| 8.  |             | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)       |  |  |  |
|-----|-------------|---|--|--|--|
|     |             | a. Computer Readable Form (CRF)   |  |  |  |
|     |             | b. Specification Sequence Listing on:   |  |  |  |
|     |             | i. CD-ROM or CD-R (two copies); or  |  |  |  |
|     |             | ii. Paper Copy (identical to computer copy)   |  |  |  |
|     |             | c. Statements verifying identity of above copies                                      |  |  |  |
| 9.  | $\boxtimes$ | Assignee/Applicant: GlobespanVirata Inc. 100 Shultz Drive, Red Bank, New Jersey 07701 |  |  |  |
| v   |             | Assignment and Assignment Recordation Form Submitted Herewith                         |  |  |  |
|     |             | Assignee of Record in Prior Application No:   |  |  |  |
|     |             |   |  |  |  |
|     |             | recorded on at Reel, Frame  |  |  |  |
| 10. |             | 37 C.F.R. 3.73(b) Statement Power of Attorney   |  |  |  |
| 11. |             | English Translation Document (if applicable)  |  |  |  |
| 12. | $\boxtimes$ | Information Disclosure Statement with PTO-1449 and References                         |  |  |  |
|     |             | Copies of Information Disclosure Statement Citations                                  |  |  |  |
| 13. |             | Preliminary Amendment   |  |  |  |
| 14. | $\boxtimes$ | Return Receipt Postcard   |  |  |  |

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| 15. | Priority is Claimed as Follows:  |
|-----|--|
|     | Claim Benefit of the Following U.S. Provisional Application No(s).:  |
|     | If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith   |
| 16. | Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.  |
| 17. | Other:   |
| 18. | Continuation Divisional Continuation-in-Part of Prior Application No.: filed   |
|     | Prior application information: Examiner Group Art Unit   |
|     | Incorporation By Reference (useable if Box 5b is marked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers. |
|     | Complete Application Based on Provisional Application No.:   |

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| 19. | Please address all correspondence to: |   |  |  |  |  |
|-----|---------------------------------------|---|--|--|--|--|
|     |                                       | CUSTOMER NUMBER  *21967*  21967  PATENT TRADEMARK OFFICE  |  |  |  |  |
|     |                                       | Kevin T. Duncan Intellectual Property Department Hunton & Williams LLP 1900 K Street, N.W. Suite 1200 Washington, DC 20006-1109   |  |  |  |  |
| 20. |                                       | A check in the amount of \$ 934.00 is enclosed. In the event any nce exists between the amount enclosed and the Patent Office charges, please e or credit any such variance to Deposit Account No. 50-0206. |  |  |  |  |
|     |                                       | The U.S. Patent and Trademark Office is hereby authorized to charge any nee between the amount enclosed and the Patent Office charges to <b>Deposit</b> unt No. 50-0206.                                    |  |  |  |  |
|     | -                                     | Respectfully submitted.   |  |  |  |  |
|     |                                       | By:  Robin C. Clark  Registration No. 40.956  |  |  |  |  |

RCC/jfm Enclosures